







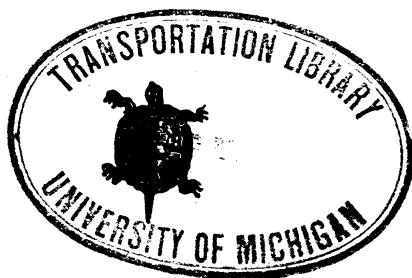
# **ANNUAL REPORT**

of the

## **Detroit & Mackinac RAILWAY COMPANY**

**INCLUDING**

**Traffic Reports of the Road**



**For the Fiscal Year Ending June 30th**

**1912**



**ANNUAL REPORT**  
of the  
**Detroit & Mackinac**  
**RAILWAY COMPANY**

INCLUDING

**Traffic Reports of the Road**



**For the Fiscal Year Ending June 30th**  
—1912—



*Transcript*



## *DIRECTORS AND OFFICERS*

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### *BOARD OF DIRECTORS*

HENRY K. McHARG.....Stamford, Conn.  
JAMES D. HAWKS.....Detroit, Mich.  
AMEDEE D. MORAN.....New York, N. Y.  
WALTON FERGUSON.....Stamford, Conn.  
HENRY K. McHARG, JR.....Stamford, Conn.

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### *OFFICERS*

HENRY K. McHARG, President, Stamford, Conn.  
JAMES D. HAWKS, Vice-Pres. and General Manager, Detroit, Mich.  
GEO. M. CROCKER, 2nd Vice-Pres., Aud. and Pur. Agt., Detroit, Mich.  
CHAS. B. COLEBROOK, Sec'y-Treas., 40 Wall Street, New York, N. Y.  
JAMES McNAMARA, General Attorney, Detroit, Mich.  
C. W. LUCE, General Superintendent, East Tawas, Mich.  
W. G. MacEDWARD, General Passenger Agent, Bay City, Mich.  
J. K. HUDSON, General Freight Agent, Bay City, Mich.

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**General Office, No. 514-518 Majestic Building, Detroit, Mich.**



**HAWKINS, GIES & CO.,  
CERTIFIED PUBLIC ACCOUNTANTS.**

**NEW YORK  
CHICAGO  
DETROIT**

Aug. 16th, 1912.

J. D. HAWKS, Vice-Prest. and Gen. Manager,  
Detroit & Mackinac Ry. Co.,  
Detroit, Michigan.

Dear Sir:—We have made an audit of the books and accounts of the Detroit & Mackinac Railway Company for the fiscal year ending June 30th, 1912, and we hereby certify that, in our opinion, the statements of Income Account, Profit and Loss Account, and Balance Sheet submitted herewith are true and correct exhibits of the results of the company's operations for the said fiscal year, and of its condition at June 30th, 1912, as shown by the books and accounts.

Yours very truly,

HAWKINS, GIES & CO.,

Henry F. Tully, C. P. A.

## REPORT OF THE PRESIDENT TO THE STOCKHOLDERS OF THE DETROIT & MACKINAC RAILWAY COMPANY

Detroit, Mich., Oct. 5th, 1912.

Gentlemen:

The promise in our last report of a slight improvement in our business for the current year has been fulfilled, but the gain was very slight, being only \$71,002.69 in our gross earnings. As against this the operating expenses and taxes increased \$71,036.88. Taxes remain about the same, being \$101,804.72 or 8.16 per cent of our entire revenue. We were able to put into additions and betterments only \$22,490.20.

Contracts were entered into during the latter part of the year for 200 steel underframe box cars and three locomotives which have all been delivered since June 30th. Thirty-five old freight cars were torn down and rebuilt as steel underframe box cars; four new refrigerator cars were added to our equipment. Repairs on locomotives, freight and passenger cars have been kept up to the usual standard.

The roadbed and tracks are in good condition. Alpena Station was finished and put into use in December, and the grounds put in shape during the spring and summer, thus giving Alpena one of the handsomest stations in the country. Rogers City is growing faster than any other town on our road, thanks to the development of the limestone deposits. The quarry at Calcite, near Rogers City, bids fair to be one of the largest in the country.

We have leased the Au Sable & Northwestern Ry. with an option to purchase. This is a narrow gauge road running northwesterly from our road at Au Sable. The lease will afford time to thoroughly look over the country so as to know whether or not the road can be made into a profitable feeder.

Yours truly,

J. D. HAWKS,

Vice-President and General Manager.

# DETROIT & MACKINAC RAILWAY COMPANY.

## AUDITORS' OFFICE.

Detroit, Mich., Sept. 10th, 1912.

J. D. HAWKS, ESQ.,

Vice-President and General Manager:

Dear Sir:—I herewith submit statements of the general accounts and tables showing the result of operation of the Detroit & Mackinac Railway Company for the fiscal year ending June 30, 1912, as follows:

TABLE A—Condensed Balance Sheet.

TABLE B—Income Account.

TABLE C—Particulars of Bonded Debt.

TABLE D—Comparative Financial Statement.

TABLE E—Earnings and Expenses by years.

TABLE F—Earnings and Expenses by months.

TABLE G—Operating Expenses.

TABLE H—Mileage.

TABLE I—Classification of Freight Tonnage.

TABLE J—Statistics for the year.

TABLE K—Rolling Stock.

TABLE L—Spurs, Sidings and Branches.

Respectfully,

GEORGE M. CROCKER,

Auditor.

DETROIT &amp; MACKINAC RAILWAY COMPANY

CONDENSED GENERAL BALANCE SHEET, JUNE 30, 1912.

| Assets.                             |                                | Liabilities.                                   |                |
|-------------------------------------|--------------------------------|--|----------------|
| Cost of Road.....                   | \$4,919,630 76                 | Capital Stock {                                | Common .....   |
| Cost of Equipment.....              | 737,204 25                     | Preferred .....                                | \$2,000,000 00 |
| Construction Accounts.              |                                | First Lien Bonds.....                          | 950,000 00     |
| Rogers City Extension.....          | \$ 57,374 93                   | Mortgage Bonds.....                            | 1,500,000 00   |
| Alpena Depot—Suspense Account..     | 21,471 14                      | Interest on Funded Debt, accrued but not due.. | 1,750,000 00   |
| Material and Supplies on hand.....  |                                | Reserve for Taxes.....                         | 7,666 67       |
| Treas. {                            | First Lien Bonds..\$450,000 00 | Reserve for Replacement of Equipment.....      | 49,900 18      |
| D. & M. Ry. }                       | Mortgage Bonds .. 500,000 00   | Reserve for Replacement of Rail.....           | 276,737 38     |
|                                     |                                | Loud's Sons Co., rental.....                   | 206,423 89     |
|                                     | 950,000 00                     |  | 312 50         |
| Current Assets.                     |                                | Current Liabilities.                           |                |
| Cash on hand.....                   | \$ 3,165 28                    | Audited Vouchers and Pay Rolls..\$108,693 76   | 108,693 76     |
| Cash in New York Special Fund...    | 42,068 27                      | Profit and Loss Account.....                   | 235 05         |
| Due from Station Agents.....        | 15,969 82                      |  |                |
| Due from Co.'s and Individuals..... | 14,615 51                      |  |                |
| Traffic Balance .....               | 8,080 81                       |  |                |
| Insurance paid in advance.....      | 453 14                         |  |                |
|                                     | \$6,849,969 43                 |  | \$6,849,969 43 |

**TABLE — B.****DETROIT & MACKINAC RAILWAY COMPANY.****INCOME ACCOUNT FOR THE YEAR ENDING JUNE 30, 1912.**

|                                       |                |            |
|---------------------------------------|----------------|------------|
| Gross Earnings .....                  | \$1,248,101 74 |            |
| Operating Expenses .....              | 898,113 13     |            |
|                                       |                |            |
| Net Operating Revenue.....            | \$ 349,988 61  |            |
| <b>Add. Other Income:</b>             |                |            |
| Hire of Equipment—Credit Balance..... | \$ 18,799 47   |            |
| Interest and Discount.....            | 3,376 10       |            |
|                                       |                | 22,175 57  |
|                                       |                |            |
| Total Net Income.....                 | \$ 372,164 18  |            |
| <b>Deduct:</b>                        |                |            |
| Taxes .....                           | \$101,804 72   |            |
| Interest on Funded Debt.....          | 92,000 00      |            |
| Dividend on Preferred Stock.....      | 47,500 00      |            |
| Dividend on Common Stock.....         | 100,000 00     |            |
| Rents .....                           | 312 50         |            |
| Additions and Betterments.....        | 22,490 20      |            |
| Separately Operated Properties.....   | 5,325 16       |            |
| Sundry Items .....                    | 2,496 55       |            |
|                                       |                | 371,929 13 |
|                                       |                |            |
| Credit Balance .....                  |                | 235 05     |

**TABLE — C.****PARTICULARS OF BONDED DEBT.**

| Class of Bonds | Amount Outstanding | INTEREST |                   | Interest Accrued During Year | Principal Due |
|----------------|--------------------|----------|-------------------|------------------------------|---------------|
|                |                    | Rate     | When Payable      |                              |               |
| First Lien     | \$1,050,000 00     | 4 %      | June and December | \$ 42,000 00                 | June 1, 1995  |
| Mort.          | 1,250,000 00       | 4 %      | June and December | 50,000 00                    | June 1, 1995  |
|                | \$2,300,000 00     |          |                   | \$ 92,000 00                 |               |

TABLE—D.

# DETROIT & MACKINAC RAILWAY COMPANY

## COMPARATIVE FINANCIAL STATEMENT

|   | June 30, 1910.        | June 30, 1911.        | June 30, 1912.        |
|---|-----------------------|-----------------------|-----------------------|
| <b>Current Assets.</b>                    |                       |                       |                       |
| Cash .....                                | \$ 602 90             | \$ 43,139 25          | \$ 45,233 55          |
| Due from Station Agents and Others .....  | 29,974 25             | 27,556 34             | 35,906 22             |
| Traffic Balances .....                    | 9,822 32              |                       | 8,080 81              |
| Material and Supplies on Hand .....       | 71,206 58             | 72,403 24             | 79,935 52             |
| Prepaid and Deferred Charges .....        | 579 41                | 366 83                | 453 14                |
| <b>Totals .....</b>                       | <b>\$ 112,185 46</b>  | <b>\$ 143,465 66</b>  | <b>\$ 169,609 24</b>  |
| <b>Less Current Liabilities.</b>          |                       |                       |                       |
| Audited Vouchers and Pay Rolls .....      | \$ 90,000 19          | \$ 72,697 19          | \$ 108,693 76         |
| Notes Secured by Treasury Bonds .....     | 30,000 00             |                       |                       |
| Accrued Taxes, Interest and Rentals ..... | 53,696 97             | 55,946 71             | 57,879 35             |
| Traffic Balances .....                    |                       | 2,706 92              |                       |
| <b>Totals .....</b>                       | <b>\$ 173,697 16</b>  | <b>\$ 131,350 82</b>  | <b>\$ 166,573 11</b>  |
| <b>Net .....</b>                          | <b>\$ 61,511 70*</b>  | <b>\$ 12,114 84</b>   | <b>3,036 13</b>       |
| <b>Capital Assets.</b>                    |                       |                       |                       |
| Cost of Road .....                        | \$4,919,640 61        | \$4,919,630 76        | \$4,919,630 76        |
| Cost of Equipment .....                   | 737,204 25            | 737,204 25            | 737,204 25            |
| Alpena Station .....                      |                       |                       | 21,471 14             |
| Construction Accounts .....               |                       | 30,155 34             | 57,374 93             |
| <b>Totals .....</b>                       | <b>\$5,656,844 86</b> | <b>\$5,686,990 35</b> | <b>\$5,735,681 08</b> |
| <b>Net Assets .....</b>                   | <b>\$5,595,333 16</b> | <b>\$5,699,105 19</b> | <b>\$5,738,717 21</b> |
| <b>Representing—</b>                      |                       |                       |                       |
| Bonds Issued—First Lien .....             | \$1,050,000 00        | \$1,050,000 00        | \$1,050,000 00        |
| Bonds Issued—Mortgage .....               | 1,250,000 00          | 1,250,000 00          | 1,250,000 00          |
| Stock Issued—Common .....                 | 2,000,000 00          | 2,000,000 00          | 2,000,000 00          |
| Stock Issued—Preferred .....              | 950,000 00            | 950,000 00            | 950,000 00            |
| Reserves .....                            | 345,333 16            | 449,105 19            | 488,482 16            |
| Surplus .....                             |                       |                       | 235 05                |
| <b>Totals .....</b>                       | <b>\$5,595,333 16</b> | <b>\$5,699,105 19</b> | <b>\$5,738,717 21</b> |

\*Debit balance.

TABLE E.

## DETROIT &amp; MACKINAC RAILWAY COMPANY

## EARNINGS AND EXPENSES BY YEARS

|                                 | 1908           | Per<br>Cent. | 1909           | Per<br>Cent. | 1910           | Per<br>Cent. | 1911           | Per<br>Cent. | 1912           | Per<br>Cent. |
|---------------------------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
| EARNINGS—                       | Amount         |              | Amount         |              | Amount         |              | Amount         |              | Amount         |              |
| Freight .....                   | \$ 844,252 96  | 71.18        | \$ 806,727 42  | 70.21        | \$ 864,888 90  | 70.25        | \$ 788,511 01  | 66.99        | \$ 842,320.68  | 67.49        |
| Passenger .....                 | 294,228 07     | 24.81        | 292,302 19     | 25.44        | 297,516 84     | 24.16        | 316,705 38     | 26.91        | 330,960.40     | 26.52        |
| Mail .....                      | 28,354 52      | 2.39         | 28,522 69      | 2.48         | 29,060 97      | 2.36         | 29,675 53      | 2.52         | 31,001.01      | 2.48         |
| Express .....                   | 11 714 52      | .99          | 14,394 47      | 1.26         | 13,943 68      | 1.13         | 17,458 84      | 1.48         | 18,452.51      | 1.48         |
| Other Sources .....             | 7,546 47       | .63          | 7,027 49       | .61          | 25,833 20      | 2.10         | 24,748 29      | 2.10         | 25,367.14      | 2.03         |
| Total .....                     | \$1,186,096 54 | 100%         | \$1,148,974 26 | 100%         | \$1,231,243 59 | 100%         | \$1,177,099 05 | 100%         | \$1,248,101.74 | 100%         |
| EXPENSES—                       | Amount         |              | Amount         |              | Amount         |              | Amount         |              | Amount         |              |
| Maint. Way and Structures ..... | \$ 144,244 11  | 17.87        | \$ 183,863 42  | 23.09        | \$ 199,824 37  | 23.52        | \$ 174,532 05  | 21.22        | \$ 201,751.89  | 22.46        |
| Maint. Equipment .....          | 189,060 03     | 23.42        | 185,229 54     | 23.27        | 196,888 47     | 23.18        | 203,438 91     | 24.74        | 218,290.44     | 24.30        |
| Traffic Expense .....           | 24,546 44      | 3.04         | 22,319 93      | 2.80         | 26,551 89      | 3.12         | 26,065 30      | 3.17         | 29,503.52      | 3.29         |
| Transportation Expense .....    | 422,446 08     | 52.32        | 371,944 01     | 46.73        | 392,788 02     | 46.25        | 385,414 59     | 46.87        | 411,688.28     | 45.84        |
| General Expense .....           | 27,068 46      | 3.35         | 32,687 63      | 4.11         | 33,399 97      | 3.93         | 32,944 23      | 4.00         | 36,879.00      | 4.11         |
| Total .....                     | \$ 807,365 12  | 100%         | \$ 796,044 53  | 100%         | \$ 849,452 72  | 100%         | \$ 822,399 08  | 100%         | \$ 898,113.13  | 100%         |
| Net Earnings .....              | 378,731 42     | 31.94        | 352,929 73     | 31.71        | 381,790 87     | 31.01        | 354,699 97     | 30.13        | 349,988.61     | 28.04        |
| Taxes .....                     | 80 288 53      | 6.77         | 85,344 99      | 7.42         | 103,584 84     | 8.41         | 101,591 11     | 8.63         | 101,804.72     | 8.16         |
| Net Earnings, less Taxes .....  | 298,442 89     | 25.16        | 267,584 74     | 24.29        | 278,206 03     | 22.66        | 253,108 86     | 21.50        | 248,183.89     | 19.88        |

# TABLE F.

## DETROIT & MACKINAC RAILWAY COMPANY

STATEMENT OF EARNINGS AND EXPENSES BY MONTHS FOR FISCAL YEAR ENDING JUNE 30TH, 1912

### EARNINGS

| Earnings            | July         | Aug.         | Sept.        | Oct.         | Nov.         | Dec.         | Jan.         | Feb.         | March        | April        | May          | June         |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Freight .....       | \$ 54,470.39 | \$ 69,493.79 | \$ 68,538.82 | \$ 72,082.88 | \$ 63,203.80 | \$ 62,890.40 | \$ 56,179.34 | \$ 67,721.20 | \$ 78,601.91 | \$ 94,113.93 | \$ 79,224.09 | \$ 75,800.13 |
| Passenger .....     | 38,186.66    | 39,490.38    | 30,487.12    | 27,576.27    | 25,939.55    | 27,103.40    | 22,539.49    | 18,602.60    | 23,359.15    | 27,243.67    | 23,887.15    | 26,544.96    |
| Mail .....          | 2,474.11     | 2,474.11     | 2,706.85     | 2,551.69     | 2,550.54     | 2,550.66     | 2,551.66     | 2,551.66     | 2,551.66     | 2,549.72     | 2,647.56     | 2,840.79     |
| Express .....       | 1,188.05     | 1,641.18     | 1,768.86     | 1,740.60     | 2,157.94     | 1,648.70     | 1,492.50     | 1,470.67     | 1,485.11     | 1,630.44     | 1,073.58     | 1,164.88     |
| Other Sources ..... | 2,701.73     | 1,966.63     | 2,049.88     | 2,132.80     | 2,451.21     | 1,813.90     | 1,938.00     | 1,672.29     | 1,956.64     | 1,468.29     | 1,897.11     | 3,318.66     |
| Totals .....        | \$99,020.94  | \$115,066.09 | \$105,551.53 | \$106,074.24 | \$ 96,303.04 | \$ 96,007.06 | \$ 84,700.99 | \$ 92,018.42 | \$107,954.47 | \$127,006.05 | \$108,729.49 | \$109,669.42 |

### EXPENSES.

| Oper. Expenses               | July         | Aug.         | Sept.        | Oct.         | Nov.         | Dec.         | Jan.         | Feb.         | March        | April        | May          | June         |
|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Maint. Way and S .....       | \$ 17,063.10 | \$ 19,826.34 | \$ 20,332.06 | \$ 21,483.76 | \$ 17,262.14 | \$ 15,639.46 | \$ 19,051.22 | \$ 9,340.70  | \$ 8,151.47  | \$ 14,769.90 | \$ 23,066.13 | \$ 15,765.61 |
| Maint. Equipment .....       | 16,094.76    | 18,366.15    | 3,608.19     | 18,256.18    | 18,455.16    | 18,972.80    | 20,067.12    | 17,279.02    | 17,758.54    | 19,547.63    | 19,831.62    | 20,053.27    |
| Traffic Expense .....        | 3,017.53     | 3,182.42     | 2,042.19     | 1,983.28     | 2,114.86     | 2,019.08     | 2,964.69     | 2,042.40     | 2,314.23     | 3,125.62     | 1,940.60     | 2,756.62     |
| Transportation Expense ..... | 31,807.99    | 34,094.81    | 31,283.92    | 33,537.93    | 30,203.47    | 32,189.18    | 37,248.62    | 34,268.79    | 36,781.19    | 35,562.14    | 38,608.78    | 36,101.46    |
| General Expense .....        | 2,700.78     | 2,827.61     | 2,449.24     | 4,027.07     | 3,287.04     | 2,997.81     | 3,720.77     | 3,286.63     | 3,080.18     | 2,667.68     | 2,949.77     | 2,884.42     |
| Totals .....                 | \$ 70,684.16 | \$ 78,297.33 | \$ 69,715.60 | \$ 79,288.22 | \$ 71,322.67 | \$ 71,818.33 | \$ 83,052.42 | \$ 66,217.54 | \$ 68,085.61 | \$ 75,672.97 | \$ 86,396.90 | \$ 77,561.38 |
| Net Earnings .....           | \$ 28,336.78 | \$ 36,768.76 | \$ 35,835.93 | \$ 26,786.02 | \$ 24,980.37 | \$ 24,188.73 | \$ 1,648.57  | \$ 25,800.88 | \$ 39,868.86 | \$ 51,333.08 | \$ 22,332.59 | \$ 32,108.04 |
| Prop. Exp. to Earnings       | 71.38 %      | 68.04 %      | 66.05 %      | 74.75 %      | 74.06 %      | 74.81 %      | 98.05 %      | 71.96 %      | 63.07 %      | 59.58 %      | 79.46 %      | 70.72 %      |



## TABLE - G.

## DETROIT &amp; MACKINAC RAILWAY COMPANY.

## OPERATING EXPENSES.

## Maintenance of Way and Structures.

|  | 1911<br>Amount      | %            | 1912<br>Amount      | %            |
|--|---------------------|--------------|---------------------|--------------|
| Superintendence .....                                    | \$ 5,339 54         | .65          | \$ 6,730 35         | .75          |
| Ballast .....  | 1,542 75            | .19          | 1,414 81            | .16          |
| Ties .....   | 10,594 50           | 1.29         | 17,942 95           | 2.00         |
| Rail Depreciation .....                                  | 60,000 00           | 7.29         | 39,480 00           | 4.39         |
| Other Track Material.....                                | 6,019 50            | .73          | 5,513 47            | .61          |
| Roadway and Track.....                                   | 60,708 06           | 7.38         | 74,849 66           | 8.33         |
| Removal of Snow, Sand and Ice....                        | 9,401 87            | 1.14         | 9,303 78            | 1.04         |
| Tunnels .....  |                     |              |                     |              |
| Bridges, Trestles and Culverts....                       | 4,442 67            | .54          | 13,030 58           | 1.45         |
| Over and Under Grade Crossings....                       | .....               | ....         | 10 00               | ....         |
| Grade Crossings, Fences, Cattle<br>Guards and Signs..... | 4,589 39            | .56          | 5,801 66            | .65          |
| Snow and Sand Fences and Snow<br>Sheds .....             | 129 72              | .02          | 251 18              | .03          |
| Signals and Interlocking Plants....                      | 260 33              | .04          | 238 81              | .03          |
| Telegraph and Telephone Lines....                        | 2,007 29            | .24          | 2,181 07            | .24          |
| Electric Power Transmission.....                         |                     |              |                     |              |
| Buildings, Fixtures and Grounds...                       | 7,773 39            | .94          | 11,259 93           | 1.25         |
| Docks and Wharves.....                                   |                     |              |                     |              |
| Roadway Tools and Supplies.....                          | 2,406 89            | .29          | 9,851 62            | 1.10         |
| Injuries to Persons.....                                 | 197 66              | .02          | 4,501 25            | .50          |
| Stationery and Printing.....                             | 85 15               | .01          | 158 18              | .02          |
| Other Expenses .....                                     | 204 93              | .03          | 35 36               | ....         |
| Mnt. Jt. Trks., Yds. and Other<br>Facilities—Dr. ....    | 580 10              | .07          | 524 75              | .06          |
| Mnt. Jt. Trks., Yds. and Other<br>Facilities—Cr. ....    | 1,751 69            | .21          | 1,327 52            | .15          |
| Total .....  | <u>\$174,532 05</u> | <u>21.22</u> | <u>\$201,751 89</u> | <u>22.46</u> |

## DETROIT &amp; MACKINAC RAILWAY COMPANY.

## OPERATING EXPENSES—Continued.

## Maintenance of Equipment.

|                                      | 1911<br>Amount      | %            | 1912<br>Amount      | %            |
|--------------------------------------|---------------------|--------------|---------------------|--------------|
| Superintendence .....                | \$ 5,802 94         | .70          | \$ 5,545 58         | .62          |
| Steam Locomotives—Repairs .....      | 51,554 06           | 6.27         | 60,656 89           | 6.75         |
| Steam Locomotives—Renewals .....     |                     |              |                     |              |
| Steam Locomotives—Depreciation ..    | 12,373 56           | 1.50         | 11,631 12           | 1.30         |
| Electric Locomotives—Repairs .....   |                     |              |                     |              |
| Electric Locomotives—Renewals ...    |                     |              |                     |              |
| Electric Locomotives—Depreciation..  |                     |              |                     |              |
| Passenger Train Cars—Repairs .....   | 18,772 76           | 2.28         | 21,130 33           | 2.35         |
| Passenger Train Cars—Renewals ...    |                     |              |                     |              |
| Passenger Train Cars—Depreciation..  | 10,973 60           | 1.34         | 10,316 16           | 1.15         |
| Freight Train Cars—Repairs .....     | 61,154 28           | 7.44         | 70,684 17           | 7.87         |
| Freight Train Cars—Renewals .....    |                     |              |                     |              |
| Freight Train Cars—Depreciation ..   | 32,461 80           | 3.95         | 30,514 08           | 3.40         |
| Electric Equipment of Cars—Repairs.. |                     |              |                     |              |
| Electric Equipment of Cars—Renewals  |                     |              |                     |              |
| Electric Equipment of Cars—Dep'n ..  |                     |              |                     |              |
| Work Equipment—Repairs .....         | 862 93              | .10          | 1,013 72            | .11          |
| Work Equipment—Renewals .....        |                     |              |                     |              |
| Work Equipment—Depreciation .....    | 627 96              | .07          | 590 28              | .07          |
| Shop Machinery and Tools.....        | 4,836 40            | .59          | 5,071 50            | .56          |
| Power Plant Equipment.....           |                     |              |                     |              |
| Injuries to Persons.....             | 3,001 25            | .37          | 21 25               | ....         |
| Stationery and Printing.....         | 313 28              | .04          | 384 76              | .04          |
| Other Expenses .....                 | 704 09              | .09          | 730 60              | .08          |
| Total .....                          | <u>\$203,438 91</u> | <u>24.74</u> | <u>\$218,290 44</u> | <u>24.30</u> |

## Traffic Expenses.

|                                    |                     |             |                     |             |
|------------------------------------|---------------------|-------------|---------------------|-------------|
| Superintendence .....              | \$ 15,462 81        | 1.88        | \$ 16,758 29        | 1.86        |
| Outside Agencies .....             |                     |             |                     |             |
| Advertising .....                  | 3,927 41            | .48         | 3,841 50            | .43         |
| Traffic Associations .....         | 1,636 55            | .20         | 1,688 66            | .19         |
| Fast Freight Lines.....            |                     |             |                     |             |
| Industrial and Immigration Bureaus | 220 00              | .03         | 195 00              | .02         |
| Stationery and Printing.....       | 4,815 97            | .58         | 7,020 07            | .79         |
| Other Expenses .....               | 2 56                | ....        | .....               | ....        |
| Total .....                        | <u>\$ 26,065 30</u> | <u>3.17</u> | <u>\$ 29,503 52</u> | <u>3.29</u> |

## DETROIT &amp; MACKINAC RAILWAY COMPANY.

## OPERATING EXPENSES—Continued.

## Transportation Expenses.

|                                      | 1911<br>Amount | %     | 1912<br>Amount | %     |
|--------------------------------------|----------------|-------|----------------|-------|
| Superintendence .....                | \$ 20,014 83   | 2.43  | \$ 20,796 00   | 2.31  |
| Despatching Trains .....             | 5,507 94       | .67   | 5,561 55       | .62   |
| Station Employees .....              | 62,718 99      | 7.63  | 67,101 91      | 7.47  |
| Weighing and Car Service Ass'ns...   | 703 85         | .09   | 665 07         | .07   |
| Stock Yards and Grain Elevators..    |                |       |                |       |
| Coal and Ore Docks.....              |                |       |                |       |
| Station Supplies and Expenses.....   | 3,396 77       | .41   | 4,038 14       | .45   |
| Yard Masters and their Clerks.....   | 3,088 81       | .38   | 2,958 30       | .33   |
| Yard Conductors and Brakemen....     | 12,745 37      | 1.55  | 13,527 95      | 1.51  |
| Yard Switch and Signal Tenders....   |                |       |                |       |
| Yard Supplies and Expenses.....      | 290 64         | .03   | 357 83         | .04   |
| Yard Enginemen .....                 | 8,431 64       | 1.03  | 8,882 29       | .99   |
| Engine House Expenses—Yard.....      | 2,329 01       | .28   | 2,394 87       | .27   |
| Fuel for Yard Locomotives.....       | 19,792 67      | 2.41  | 22,120 53      | 2.46  |
| Water for Yard Locomotives.....      | 1,275 52       | .16   | 1,235 17       | .14   |
| Lubricants for Yard Locomotives...   | 303 34         | .04   | 460 70         | .05   |
| Other Sup. for Yard Locomotives..    | 178 03         | .02   | 212 03         | .02   |
| Op. Joint Yards and Terminals—Dr.    | 580 37         | .07   | 524 75         | .06   |
| Op. Joint Yards and Terminals—Cr.    | 72 92          | .01   | 114 61         | .01   |
| Road Enginemen .....                 | 52,822 79      | 6.42  | 55,680 03      | 6.20  |
| Engine House Expenses—Road.....      | 11,648 34      | 1.42  | 11,885 83      | 1.32  |
| Fuel for Road Locomotives.....       | 80,488 15      | 9.79  | 84,332 22      | 9.39  |
| Water for Road Locomotives.....      | 5,054 22       | .61   | 5,147 38       | .57   |
| Lubricants for Road Locomotives...   | 1,199 49       | .14   | 1,917 07       | .21   |
| Other Supplies for Road Locomotives  | 971 17         | .12   | 907 15         | .10   |
| Operating Power Plants.....          |                |       |                |       |
| Purchased Power .....                |                |       |                |       |
| Road Trainmen .....                  | 56,286 64      | 6.84  | 61,529 91      | 6.85  |
| Train Supplies and Expenses.....     | 20,672 36      | 2.51  | 20,352 81      | 2.27  |
| Interlockers, Blk. and Other Signals |                |       |                |       |
| —Operation .....                     | 435 98         | .05   | 457 50         | .05   |
| Crossing Flagmen and Gatemen....     | 12 63          | ....  | 26 98          | ....  |
| Drawbridge Operation .....           | 1,131 81       | .14   | 1,117 15       | .12   |
| Clearing Wrecks .....                | 779 09         | .09   | 762 37         | .09   |
| Telegraph and Telephone—Operation    | 2,645 07       | .32   | 2,672 34       | .30   |
| Operating Floating Equipment.....    |                |       |                |       |
| Express Service .....                |                |       |                |       |
| Stationery and Printing.....         | 4,695 11       | .57   | 4,870 00       | .54   |
| Other Expenses .....                 | 266 28         | .03   | 229 33         | .03   |
| Loss and Damage—Freight.....         | 2,951 06       | .36   | 4,657 20       | .52   |
| Loss and Damage—Baggage.....         | 377 00         | .05   | 584 40         | .07   |
| Damage to Property .....             | 539 97         | .07   | 3,265 03       | .36   |
| Damage to Stock on Right of Way..    | 235 58         | .03   | 763 13         | .09   |
| Injuries to Persons.....             | 3,000 00       | .37   | 1,500 00       | .17   |
| Operating Joint Tracks—Dr.....       |                |       |                |       |
| Operating Joint Tracks—Cr.....       | 2,083 01       | .25   | 1,692 03       | .19   |
| Total .....                          | \$385,414 59   | 46.87 | \$411,688 28   | 45.84 |

## DETROIT &amp; MACKINAC RAILWAY COMPANY.

## OPERATING EXPENSES—Continued.

## General Expenses.

|  | 1911<br>Amount | %    | 1912<br>Amount | %    |
|--|----------------|------|----------------|------|
| Salaries and Expenses of General Officers .....      | \$ 12,217 63   | 1.49 | \$ 12,227 28   | 1.36 |
| Salaries and Expenses of Clerks and Attendants ..... | 8,473 18       | 1.03 | 8,949 18       | 1.00 |
| Gen. Office Supplies and Expenses..                  | 2,530 98       | .31  | 2,777 43       | .31  |
| Law Expenses .....                                   | 6,458 37       | .78  | 9,756 34       | 1.00 |
| Insurance .....                                      | 856 20         | .10  | 535 75         | .06  |
| Relief Department Expenses.....                      |                |      |                |      |
| Pensions .....                                       | 300 00         | .04  | 300 00         | .03  |
| Stationery and Printing.....                         | 1,223 84       | .14  | 1,242 18       | .14  |
| Other Expenses .....                                 | 888 03         | .11  | 1,090 84       | .12  |
| Gen. Adm. Joint Tracks, Yards and Terminals—Dr. .... |                |      |                |      |
| Gen. Adm. Joint Tracks, Yards and Terminals—Cr. .... |                |      |                |      |
| Total .....  | \$ 32,948 23   | 4.00 | \$ 36,879 00   | 4.11 |

## TABLE—H.

## STATEMENT OF MILEAGE, JUNE 30, 1912.

## Main Line.

Bay City to Cheboygan..... 195.02

## Branches.

|  |        |
|--|--------|
| Omer to Au Gres.....                     | 7.95   |
| Emery Junction to Rose City.....         | 31.21  |
| Emery Junction to Prescott.....          | 11.85  |
| Alabaster Junction to Alabaster.....     | 4.35   |
| Au Sable to Comins .....                 | 56.00  |
| Lincoln Junction to Lincoln .....        | 14.38  |
| Hillman Junction to Hillman.....         | 22.40  |
| Rogers City Junction to Rogers City..... | 13.70  |
| Various Logging Branches.....            | 71.82  |
| Total .....                              | 233.66 |
| Total Main Line and Branches.....        | 428.68 |
| Yard Tracks and Sidings.....             | 106.11 |
| Total, all Tracks.....                   | 534.79 |

**TABLE—I.**  
**DETROIT & MACKINAC RAILWAY COMPANY.**  
**CLASSIFICATION OF FREIGHT TONNAGE.**

| Products of Agriculture—                     | 1911             |              | 1912             |              |
|--|------------------|--------------|------------------|--------------|
|  | Tons.            | Per Cent.    | Tons.            | Per Cent.    |
| Grain .....                                  | 12,368           | 1.15         | 13,465           | 1.24         |
| Flour .....                                  | 3,179            | .29          | 3,510            | .32          |
| Other Mill Products.....                     | 1,175            | .11          | 2,587            | .24          |
| Hay .....                                    | 5,911            | .55          | 20,142           | 1.86         |
| Fruits and Vegetables.....                   | 21,820           | 2.02         | 28,280           | 2.61         |
| Total .....                                  | 44,453           | 4.12         | 67,984           | 6.27         |
| <b>Products of Animals—</b>                  |                  |              |                  |              |
| Live Stock .....                             | 4,752            | .44          | 5,166            | .47          |
| Dressed Meats .....                          | 420              | .04          | 337              | .03          |
| Other Packing House Products...              | 30               | .00          | 30               | ...          |
| Poultry, Game and Fish.....                  | 179              | .02          | 192              | .02          |
| Wool .....                                   | 29               | .00          | 185              | .02          |
| Hides and Leather.....                       | 7,415            | .69          | 7,705            | .71          |
| Total .....                                  | 12,825           | 1.19         | 13,615           | 1.25         |
| <b>Products of Mines—</b>                    |                  |              |                  |              |
| Anthracite Coal .....                        | 2,678            | .25          | 4,088            | .38          |
| Bituminous Coal .....                        | 53,235           | 4.93         | 64,855           | 5.98         |
| Stone, Sand and Other Like<br>Articles ..... | 190,889          | 17.68        | 141,635          | 13.07        |
| Other Products of Mines.....                 | 712              | .07          | 615              | .06          |
| Total .....                                  | 247,514          | 22.93        | 211,193          | 19.49        |
| <b>Products of Forests—</b>                  |                  |              |                  |              |
| Lumber .....                                 | 97,033           | 8.99         | 86,817           | 8.01         |
| Forest Products Other Than<br>Lumber .....   | 502,488          | 46.54        | 434,493          | 40.10        |
| Total .....                                  | 599,521          | 55.53        | 521,310          | 48.11        |
| <b>Manufactures—</b>                         |                  |              |                  |              |
| Petroleum and Other Oils.....                | 2,443            | .23          | 2,190            | .20          |
| Sugar .....                                  | 730              | .07          | 1,192            | .11          |
| Iron—Pig and Bloom.....                      | 714              | .07          | 791              | .07          |
| Other Iron and Machinery.....                | 3,947            | .36          | 6,299            | .59          |
| Cement, Brick and Lime.....                  | 62,074           | 5.75         | 89,949           | 8.30         |
| Agricultural Implements .....                | 287              | .03          | 436              | .04          |
| Wagons, Carriages, Tools, etc....            | 270              | .02          | 306              | .03          |
| Wine, Liquor and Beer.....                   | 923              | .09          | 1,379            | .13          |
| Household Goods and Furniture..              | 1,030            | .09          | 1,473            | .14          |
| Total .....                                  | 72,418           | 6.71         | 104,015          | 9.61         |
| <b>Merchandise</b> .....                     | 63,426           | 5.87         | 93,893           | 8.66         |
| <b>Miscellaneous—Other Commodities</b>       |                  |              |                  |              |
| not mentioned above .....                    | 39,439           | 3.65         | 71,703           | 6.61         |
| <b>Grand Total</b> .....                     | <b>1,079,596</b> | <b>100 %</b> | <b>1,083,713</b> | <b>100 %</b> |

**TABLE—J.****DETROIT & MACKINAC RAILWAY COMPANY.****PASSENGER STATISTICS.**

|   | 1911.      | 1912.         |
|---|------------|---------------|
| No. of Passengers carried.....                              | 394,425    | 421,520       |
| No. of Passengers carried one mile.....                     | 14,306,134 | 14,965,655    |
| No. of Passengers carried one mile per<br>mile of road..... | 41,258     | 41,454        |
| Av'ge dist. each Pass'r carried (miles)...                  | .36.27     | .35.50        |
| Total Passenger Revenue.....\$                              | 316,705.38 | \$ 330,960.40 |
| Average Am't received from each Passr..                     | .80.29     | .78.516       |
| Average Receipts per Pass, per mile....                     | .02.214    | .02.211       |
| Total Passenger Earnings.....                               | 370,773.90 | 386,941.42    |
| Passenger Earnings per mile of road....                     | 1,069.28   | 1,071.71      |
| Passenger Earnings per train mile.....                      | .91.759    | .91.838       |
| Average No. Passengers per train mile...                    | .35.400    | .35.520       |

**FREIGHT STATISTICS.**

|  |            |               |
|--|------------|---------------|
| No. Tons car'd of frgt. earning revenue..  | 1,079,596  | 1,083,713     |
| No. Tons carried one mile.....             | 91,733,272 | 95,821,903    |
| No. Tons car'd one mile per mile of road   | 264,552    | 265,398       |
| Average distance haul of one ton (miles)   | .84.97     | .88.42        |
| Total Freight Revenue.....\$               | 788,511.01 | \$ 842,320.68 |
| Av'ge Am't rec. for each ton of freight... | .73.037    | .77.725       |
| Average Receipts, per ton, per mile....    | .00.860    | .00.879       |
| Freight Revenue, per mile of road.....     | 2,274.00   | 2,332.98      |
| Freight Revenue, per train mile.....       | 2.50.702   | 2.49.179      |
| Average No. of Tons, per train mile....    | 291.66     | 283.13        |
| Average No. of Tons, per loaded car mile   | .20.95     | .20.39        |
| Average No. of Cars, per train mile.....   | 21.04      | 22.84         |

**PASSENGER AND FREIGHT STATISTICS.**

|  |                |                |
|--|----------------|----------------|
| Passenger and Freight Revenue.....         | \$1,105,216.39 | \$1,173,281.08 |
| Pass. and Frt. Revenue, per mile of road   | 3,187.36       | 3,249.64       |
| Gross Earnings from Operation.....         | 1,177,099.05   | 1,248,101.74   |
| Gross Earnings from oper., per mile of rd. | 3,394.66       | 3,456.87       |
| Gross Earnings from oper., per train mile  | 1.83.965       | 1.88.446       |

**OPERATING STATISTICS.**

|  |               |               |
|--|---------------|---------------|
| Operating Expenses .....                 | \$ 822,399.08 | \$ 898,113.13 |
| Operating Expenses, per mile of road.... | 2,371.74      | 2,487.50      |
| Operating Expenses, per train mile.....  | 1.28.530      | 1.35.602      |
| Income from Operation.....               | 354,699.97    | 349,988.61    |
| Income from Operation, per mile of road  | 1,022.92      | 969.36        |
| Ratio of Expense to Earnings.....        | 69.87 %       | 71.96 %       |

**TABLE - K.****EQUIPMENT.**

|  | 1911 | 1912 |
|--|------|------|
| <b>Locomotives—</b>                    |      |      |
| Passenger .....                        | 13   | 13   |
| Freight .....                          | 17   | 17   |
| Switching .....                        | 3    | 2    |
| Totals .....                           | 33   | 32   |
| <b>Passenger Cars—</b>                 |      |      |
| First Class .....                      | 29   | 29   |
| Combination .....                      | 5    | 6    |
| Parlor .....                           | 2    | 2    |
| Cafe .....                             | 1    | 1    |
| Baggage, Express and Postal.....       | 9    | 8    |
| Totals .....                           | 46   | 46   |
| <b>Freight Cars—</b>                   |      |      |
| Refrigerator .....                     | 8    | 12   |
| Box .....                              | 535  | 569  |
| Coal .....                             | 391  | 375  |
| Flat .....                             | 518  | 489  |
| Stock .....                            | 96   | 87   |
| Totals .....                           | 1548 | 1532 |
| <b>In Company's Service—</b>           |      |      |
| Officers and Pay Cars.....             | 1    | 1    |
| Derrick Cars .....                     | 1    | 1    |
| Caboose Cars .....                     | 12   | 12   |
| Other Road Cars .....                  | 37   | 37   |
| Snow Plow .....                        | 1    | 1    |
| Totals .....                           | 52   | 52   |
| <b>Summary—</b>                        |      |      |
| Total Number of Locomotives Owned..... | 33   | 32   |
| Total Number of Cars Owned.....        | 1646 | 1630 |

**TABLE—L.****DETROIT & MACKINAC RAILWAY COMPANY.****Sidings and Spurs Built Between July 1, 1911, and July 1, 1912.**

|   | Feet         |
|---|--------------|
| Turpentine Works Track—Au Sable.....              | 1,008        |
| Little Spur, 1½ Miles South of Aloha.....         | 640          |
| Standard Oil Company's Spur—Alpena.....           | 673          |
| Gardner & Peterman Siding—Hillman.....            | 873          |
| Huron Shore Gravel Company Sidings—Greenbush..... | 9,282        |
| Rogers City Branch Sidings and Spurs.....         | 4,534        |
|   | <hr/> 17,010 |

**Sidings and Spurs Taken up Between July 1, 1911, and July 1, 1912.**

|   |              |
|---|--------------|
| Pollock Track—Twining .....               | 1,650        |
| Alpena Cement Company Track—Alpena.....   | 5,860        |
| Legacy Spur—Lupton .....                  | 642          |
| Ice Loading Track—Long Lake.....          | 1,400        |
| Beech Spur—3.8 miles—South Aloha.....     | 1,320        |
| Marshall Spur—Lincoln Branch.....         | 480          |
| Turntable Track—Au Gres .....             | 377          |
| Spur—Hillman .....                        | 1,140        |
| Part of Elevator Track—Hillman.....       | 390          |
| Gravel Pit Track—Indian River Branch..... | 2,010        |
| Ostrander Track—Le Grand .....            | 975          |
|   | <hr/> 16,244 |

**Summary**

|                           | Miles | Feet  |
|---------------------------|-------|-------|
| Total Miles Built .....   | 3     | 1,170 |
| Total Miles Taken Up..... | 3     | 404   |
|                           | <hr/> | <hr/> |
| Increase .....            |       | 766   |







